

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

HYDE ET AL.

Atty. Ref.: 839-1410

Serial No. 10/621,460

Group: Unassigned

Filed: July 18, 2003

Examiner: Unassigned

For: AIRFOIL SHAPE FOR A TURBINE BUCKET

\* \* \* \* \*

November 4, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**TRANSMITTAL OF POWER OF ATTORNEY**

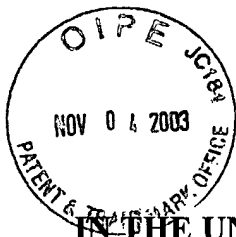
Attached hereto is an Exclusive Substitute Power of Attorney for the  
above-identified patent application.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: Richard G. Besha  
Richard G. Besha  
Reg. No. 22,770

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\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

HYDE ET AL.  
Serial No.

**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**GENERAL ELECTRIC COMPANY**

7/18/2007 By: [Signature]  
Date Name: Ernest G. Cusick  
Title: Patent Counsel

## ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, SUSAN MARIE HYDE, ROBERT ROMANY BY, JON CONRAD SCHAEFFER, CALVIN LEVY SIMS and MICHAEL ERNEST BOISCLAIR of 118 Kingsland Way, Piedmont, South Carolina 29673; 11 Hickory Twig Way, Simpsonville, South Carolina 29681; 5 Sunning Hill Road, Simpsonville, South Carolina 29681; 7 Whitstone Court, Mauldin, South Carolina 29662 and 74 Arrowwood Place, Malta, New York 12020, respectively, sell and assign to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in AIRFOIL SHAPE FOR A TURBINE BUCKET invented by us, as described in the application for United States Patent being filed herewith; therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

7/3/03

Date

Susan Marie Hyde

SUSAN MARIE HYDE

Witnessed by:

Name:

Kelley C. City

Date:

7/3/03

Name:

[Signature]

Date:

7/3/03

STATE OF SC)

ss):

COUNTY OF Greenville)

This 3rd day of July, 2003, before me personally came the above-named, SUSAN MARIE HYDE, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Mandy Arnold  
Notary Public

My Commission Expires: 6-6-137/3/03

Date

Robert R By

ROBERT ROMANY BY

Witnessed by:

Name:

Kelly Croft

Date:

7/3/03

Name:

[Signature]

Date:

7/3/03STATE OF SC)

ss):

COUNTY OF Greenville)

This 3rd day of July, 2003, before me personally came the above-named, ROBERT ROMANY BY, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Mandy Arnold  
Notary Public

My Commission Expires: 6-6-13

7/3/03  
Date

JON CONRAD SCHAEFFER

Witnessed by:

Name:

Michael J. Hughes

Date:

7/3/03

Name:

Ron Dunsen

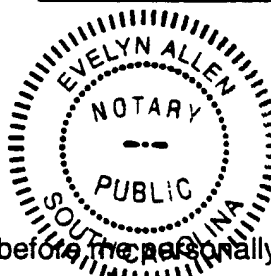
Date:

7/3/03

STATE OF South Carolina

ss):

COUNTY OF Greenville



This 3rd day of July, 2003, before me personally came the above-named, JON CONRAD SCHAEFFER, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Evelyn Allen  
Notary Public

My Commission Expires:

2005

7/03/03

Date

CALVIN LEVY SIMS

Witnessed by:

Name:

Kelly C. Crotty

Date:

7/3/03

Name:

[Signature]

Date:

7/3/03

STATE OF SC

ss):

COUNTY OF Greenville

This 3rd day of July, 2003, before me personally came the above-named, CALVIN LEVY SIMS, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Mandy Anne  
Notary Public

My Commission Expires:

6-6-13

7/16/03  
Date

Michael E Boisclair  
MICHAEL ERNEST BOISCLAIR

Witnessed by:

Name: Florence X Bonney Date: 7/16/03

Name: Rafael B Ende Date: July 16, 2003

STATE OF New York

ss):

COUNTY OF Schenectady

This 16<sup>th</sup> day of July, 2003, before me personally came the above-named, MICHAEL ERNEST BOISCLAIR, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Vanita R. Downey  
Notary Public

My Commission Expires: \_\_\_\_\_

VANITA R. DOWNEY  
Notary Public, State of New York  
Qualified in Rensselaer County  
No. 01DO6027261

Commission Expires June 28, 20 07

Certificate Filed in Schenectady County